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ABSTRACT

In the dry measuring test device for determining a substance to be measured in a liquid sample by measuring the degree of coloring obtained when the substance to be measured is subjected to the coloring reaction in terms of reflectance, polymer beads embedding light reflective particles are contained in a reagent layer of the dry measuring test device, or a light blocking layer containing light blocking particles, preferably polymer beads embedding the light blocking particles, is laminated on the reagent layer of the dry measuring test device, which comprises the reagent layer comprising a reagent containing a chromogen and a matrix which retains said reagent in the form of a layer, for determining the substance to be measured in the liquid sample by measuring the degree of coloring of the chromogen generated through the reaction between the substance to be measured and the reagent in terms of reflectance of light entered into the reagent layer, in order to achieve speedy and highly accurate measurement by shortening measuring time and by obtaining measurable reflectance sufficiently corresponding to a low degree of coloring upon measurement of reflectance, or in order to achieve speedy and highly accurate measurement by shortening measuring time and reducing influence of

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solid matter contained in the liquid sample on absorption and scattering of the measuring light and influence of external stray light entered from the opposite side of the surface of light measuring part.